



10-15-04 DT07 c'd PCT/PTO 1 4 OCT 2004 PCT

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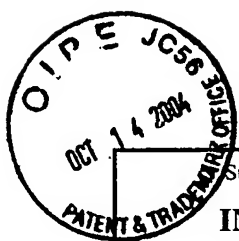
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/501,353	
	Filing Date	07/14/2004	
	First Named Inventor	Antonini, Enrico Anthony	
	Group Art Unit	Not yet Known	
	Examiner Name	Not yet known	
Total Number of Pages in This Submission	129	Attorney Docket Number	716916.10

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual Name	Kevin M. Kercher, Reg. No. 33,408 Blackwell Sanders Peper Martin LLP
Signature	
Date	October 14, 2004

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Application Number	10/501,353
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First Named Inventor	Antonini, Enrico Anthony
Art Unit	Not yet known
Examiner Name	Not yet known
Attorney Docket Number	716916.10

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code ² (if known)			
	A1	US-2003/0087306	05/08/2003	Christensen, Burton G., et al.	
	A2	US- 6,054,584	04/25/2000	Ma, Junning et al.	
	A3	US-4,277,604	07/07/1981	Dauben, William G., et al.	
	A4	US-4,597,866	07/01/1986	Couillard, Francois	
	A5	US-5,158,676	10/27/1992	Kreher, Klaus, et al.	
	A6	US-5,167,809	12/01/1992	Mann, Anthony F., et al.	
	A7	US-5,578,725	11/26/1996	Portoghese, Philip S., et al.	
	A8	US-5,667,675	09/16/1997	Hatch, Richard G., et al.	
	A9	US-6,001,260	12/14/1999	Hatch, Richard G., et al.	
	A10	US-6,067,749	05/30/2000	Fist, Anthony John, et al.	
	A11	US-6,235,906	05/22/2001	Sebastian, Alice	
	A12	US-6,265,542	07/24/2001	Fahrner, Robert Lee, et al.	
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	A17	US-6218541	04/17/2001	Wang, Zhishuang	
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	A32	US-5230802	07/27/1993	Ferguson, Robert N., et al.	
	A33	US-5176913	01/05/1993	Honerlagen, Hans J., et al.	
	A34	US-5133981	07/28/1992	Harkrader, Rondald J., et al.	
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	A36	US-5039804	08/13/1991	Brackeen, Marcus F., et al.	
	A37	US-4956429	09/11/1990	Marmetz, Ronald, et al.	

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First Named Inventor	Antonini, Enrico Anthony
Art Unit	Not yet known
Examiner Name	Not yet known
Attorney Docket Number	716916.10

	A38	US-4831133	05/16/1989	Goodbody, Anne, E., et al.	
	A39	US-4798792	01/17/1989	Harder, Patricia A., et al.	
	A40	US-4769452	09/06/1988	Boulware, Richard T.	
	A41	US-4764615	08/16/1988	Ayyangar, Nagaraj R., et al.	
	A42	US-4514569	04/30/1985	Hendrickson, James B., et al.	
	A43	US-4198344	04/15/1980	Ferrari, Giorgio	
	A44	US-4189583	02/19/1980	Gless, Richard D., et al.	

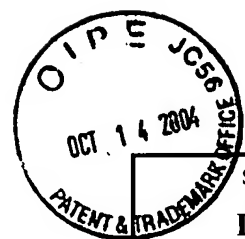
FOREIGN PATENT DOCUMENTS

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		Country Code ¹ Number ² Kind Code ³ (if known)				
	B1	WO98/02033	01/22/1998	Fist, Anthony, John, et al.		
	B2	JP02001122869A	09/11/2000	Bellafigiore, Louis, et al.	Submission of an abstract in English is provided	
	B3	WO2000058333	10/05/2000	Kutchan, Toni Mary, et. Al	Submission of an abstract in English is provided	
	B4	EP889045	01/07/1999	Dung, Jen-Sen, et al.	Submission of an abstract in English is provided	
	B5	CA2241772	12/30/1998	Dung, Jen-Sen, et al.	Submission of an abstract in English is provided	
	B6	AU9873939	01/07/1999	Dung, Jen-Sen, et al.	Submission of an abstract in English is provided	
	B7	AU725396	10/12/2000	Dung, Jen-Sen, et al.	Submission of an abstract in English is provided	
	B8	JP11071375	03/16/1999	Dung, Jen-Sen, et al.	Submission of an abstract in English is provided	
	B9	WO9935902	07/22/1990	Fist, Anthony John, et al.	Submission of an abstract in English is provided	

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	B10	AU9920414	08/02/1999	Fist, Anthony John, et al.	Submission of an abstract in English is provided	
	B11	DE19743176	04/01/1999	Grabley, Susanne, et al.	Submission of an abstract in English is provided	
	B12	WO9916526	04/08/1999	Grabley, Susanne, et al.	Submission of an abstract in English is provided	
	B13	WO9526794	10/12/1995	Noakes, Timothy James, et al.	Submission of an abstract in English is provided	
	B14	EP889045	01/07/1999	Dung, Jen-Sen, et al.	Submission of an abstract in English is provided	
	B15	WO94565	01/06/1994	Bruce, Neil C.	Submission of an abstract in English is provided	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A1	PROKSA, B.; Separation of Products of Thebaine Rearrangement by Capillary Electrophoresis in the Presence of Cyclodextrins, Slovakofarma a.s., Hlohovec, Slovakia. Chem Pap. (2001), 55(3), 196-201. CODEN: CHPAEG ISSN: 0366-6352. Journal written in English. AN 2001:656754 CAPLUS (Copyright 2001 ACS)	
	A2	MAEDA, DEAN Y.; COOP, ANDRES; An Improved Hydrolysis of 7 α -chloro-7 β -cyano-6,14-endo-ethenotetrahydrothebaine to its 7-oxo derivative; University of Maryland School of Pharmacy, Baltimore, MD, USA. Heterocycles (2001), 55(6), 1147-1149. CODEN: HTCYAM ISSN: 0385-5414. Journal written in English. CAN 135: 166948 AN2001:430551 CAPLUS (Copyright 2001 ACS)	
	A3	FACCHINI, PETER J.; PARK, SANG-UN; BIRD, DAVID A.; SAMANANI, NAILISH; Toward the Metabolic Engineering of Benzylisoquinoline Alkaloid Biosynthesis In Opium Poppy and Related Species; Department of Biological Sciences University of Calgary, Calgary AB, Can. Recent Res. Dev. Phytochem (200), 4 31-47. CODEN: RDPHF5 Journal written in English. AN 2001:766123 CAPLUS (Copyrigvht 2001 ACS)	
	A4	THEN, MARIA; ILLES, VENDEL; DAOOD, HUSSEIN; SZALAI, OTTO; VETALAN, LORANT; SZENTMIHALYI, KLARA; VEGYIPARI MUVELETEK TANSZEK, Extraction of Poppy Plants and Mixtures of Different Drug Plants With Poppy-Seed by Mans of Supercritical and Soxhlet Methods; Extraction of poppy plants of different maturity and that of 40-60 proportion mixtures of garden sage, camomile flower and marigold with poppy-seed has been studied in a flow through extraction equipment at 35 C and 250 and 300 bar pressures using CO2 solvent as well as in con-ventional (Soxhlet) e, Veszprem, Hung. Olaj, Szappan, Kozmet. (2000), 49 (Kulonszam), 33-39, CODEN: OSZKAT ISSN: 0472-8602. Journal written in Hungarian CAN 134-61317 AN2000:713713 CAPLUS (Copyright 2001 ACS)	
	A5	BRUCE, NEIL C.; Engineering Novel Biocatalytic Routes for Production of Semisynthetic Opiate Drugs; Institute of Biotechnology, University of Cambridge, Cambridge, UK. Book of Abstracts 219 th ACS National Meeting, San Francisco, CA March 26-30, 1000 (2000), BIOT-007; Publisher: American Chemical Society, Washington, D.C. CODEN: 69CLAC Conference; meeting abastract written in English; AN200:327226 CAPLUS (Copyright 2001 ACS)	
	A6	VOTRUBA, JAROSLAV, FLEIGER, MIROSLAV; Separat of Ergot Alkaloids by Adsorptoin of Silicates; Institute of Microbiology, Academy of Sciences of the Czech Republic, Prague, Czech Rep. Biotechnol. Lett. (2000), 22(16), 1281-1285 CODEN:BILED3 ISSN: 0141-5492 Journal written in English CAN 133:361926 AN 2000:722947 CAPLUS (Copyright 2001 ACS)	
	A7	NAVRATIL, O.; SKALICAN, Z.; KOBLIHA, Z.; HALAMEK, E.; Extraction of Selected Organic Bases by bis 1,2-dicarbolylcobaltate Anion From Water Into Chloroform; Department of Chemistry, Military University, Vyskov, Czech Rep. Czech J. Phys. (1999), 49 (Suppl. 1, Pt. 2, 13 th Radiochemical Conference 1998) 731-738 CODEN: CZYPAO ISSN: 0011-4626, Journal wirtten in English CAN 131:175697 AN 1999:410423 CAPLUS (Copyright 2001 ACS)	